

EXPRESS MAIL NO. EV35393045US

Sheet 1 of 7

FORM PTO-1449
(REV. 7-80)

JUN 28 2004

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

210121.455C17

APPLICATION NO.

10/007,700

FOURTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS

Tongtong Wang et al.

FILING DATE

November 30, 2001

GROUP ART UNIT

1632

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
gm	AC	EP 679716 A1	11/02/95	EPO		
	AD	EP 1033401 A2	09/06/00	EPO		
	AE	EP 1130094 A2	09/05/01	EPO		
	AF	WO 99/46594	09/16/99	WIPO		
	AG	WO 01/47944	07/05/01	WIPO		
	AH	WO 01/55322	08/02/01	WIPO		
	AI	WO 01/57272	08/09/01	WIPO		
	AJ	WO 01/57275	08/09/01	WIPO		
	AK	WO 01/57276	08/09/01	WIPO		
	AL	WO 01/57277	08/09/01	WIPO		
gm	AM	WO 01/75067	10/11/01	WIPO		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

gm	AN	GenBank Database, Accession No. AAB82295, October 30, 1997.
	AO	GenBank Database, Accession No. AAB97457, January 22, 1998.
	AP	GenBank Database, Accession No. AAC18597, June 3, 1998.
	AQ	GenBank Database, Accession No. AAC18598, June 3, 1998.
gm	AR	GenBank Database, Accession No. AAC35208, May 13, 1997.

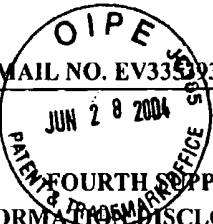
EXAMINER

Shin-Lin Chen

DATE CONSIDERED

9-14-04

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				YES	NO
BB					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

gm	BC	GenBank Database, Accession No. AAC41285, May 13, 1998.
	BD	GenBank Database, Accession No. AAC65900, October 10, 2003.
	BE	GenBank Database, Accession No. AAD09223, January 26, 1999.
	BF	GenBank Database, Accession No. AAD09827, January 26, 1999.
	BG	GenBank Database, Accession No. AAD09828, January 26, 1999.
	BH	GenBank Database, Accession No. AAF37203, March 2, 2000.
	BI	GenBank Database, Accession No. AC005082, September 8, 1999.
	BJ	GenBank Database, Accession No. AC021876, January 21, 2000.
	BK	GenBank Database, Accession No. AC079780, February 21, 2002.
	BL	GenBank Database, Accession No. AC092447, July 4, 2001.
	BM	GenBank Database, Accession No. AF117108, January 26, 1999.
gm	BN	GenBank Database, Accession No. AF198254, March 2, 2000.

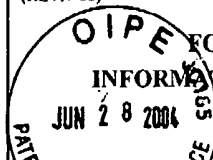
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CA						

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				YES	NO
CB					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

gm	CC	GenBank Database, Accession No. AL023775, November 23, 1999.
	CD	GenBank Database, Accession No. BAB19755, December 20, 2000.
	CE	GenBank Database, Accession No. BAB27779, February 8, 2001.
	CF	GenBank Database, Accession No. BAB27848, February 8, 2001.
	CG	GenBank Database, Accession No. BC019258, December 19, 2001.
	CH	GenBank Database, Accession No. O00425, July 1, 1997.
	CI	GenBank Database, Accession No. NM_006547, November 1, 2000.
	CJ	GenBank Database, Accession No. NP_034081, January 25, 2000.
	CK	GenBank Database, Accession No. NP_006537, August 10, 1999.
	CL	GenBank Database, Accession No. NP_006538, November 1, 2000.
	CM	GenBank Database, Accession No. NP_006539, August 10, 1999.
lm	CN	GenBank Database, Accession No. NP_571566, February 20, 2002.

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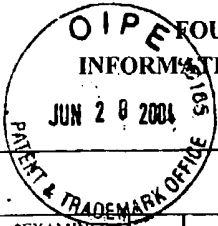
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				YES	NO
DB					

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42	DC	GenBank Database, Accession No. NP_076159, February 19, 2001.
	DD	GenBank Database, Accession No. U76705, January 26, 1999.
	DE	GenBank Database, Accession No. U97188, May 20, 1997.
	DF	GenBank Database, Accession No. XM_004780, November 16, 2000.
	DG	GenBank Database, Accession No. XP_004780, November 16, 2000.
	DH	Geneseq Database (Thomson Derwent), Accession AAL28189, January 24, 2002.
	DI	Geneseq Database (Thomson Derwent), Accession AAM93826, November 6, 2001.
	DJ	Geneseq Database (Thomson Derwent), Accession AAT26750, October 23, 1996.
	DK	Geneseq Database (Thomson Derwent), Accession AAU16161, November 7, 2001.
	DL	Geneseq Database (Thomson Derwent), Accession AAU16163, November 7, 2001.
	DM	Geneseq Database (Thomson Derwent), Accession AAU16164, November 7, 2001.
	DN	Geneseq Database (Thomson Derwent), Accession AAU16166, November 7, 2001.
	DO	Geneseq Database (Thomson Derwent), Accession AAU16579, November 7, 2001.
52	DP	Geneseq Database (Thomson Derwent), Accession AAU16583, November 7, 2001.

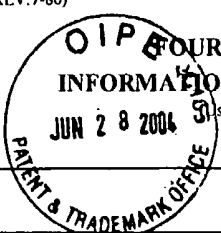
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EA							
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY			TRANSLATION YES NO	
EB							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EC			Ackermann, R. "Monoclonal antibodies," <i>Human Cell</i> 1(1): 46-53, 1988 (Abstract Only; PubMed ID:3154013).				
ED			Arceci, R.J., "The potential for antitumor vaccination in acute myelogenous leukemia," <i>J. Mol. Med.</i> 76: 80-93, 1998.				
EE			Bergers and Coussens, "Extrinsic regulators of epithelial tumor progression: metalloproteinases," <i>Current Opinion in Genetics & Developments</i> 10: 120-127, 2000.				
EF			Bodey, B. et al., "Failure of Cancer Vaccines: The Significant Limitations of this Approach to Immunotherapy," <i>Anticancer Research</i> 20: 2665-2676, 2000.				
EG			Boon, T., "Toward a Genetic Analysis of Tumor Rejection Antigens," <i>Advances in Cancer Research</i> 58: 177-210, 1992.				
EH			Eck and Wilson, "Gene-Based Therapy," in <i>Goodman & Gilman's The Pharmacological Basis of Therapeutics</i> , 9 th Edition, McGraw-Hill, New York, 1996, pgs. 77-101.				
EI			Ezzell, C., "Cancer 'Vaccines': An Idea Whose Time Has Come?" <i>The Journal of NIH Research</i> 7: 46-49, January 1995.				
EJ			Greenspan and Cooper, "Complementarity, specificity and the nature of epitopes and paratopes in multivalent interactions," <i>Immunology Today</i> 16(5): 226-230, 1995.				
EK			Gura, T., "System for Identifying New Drugs Are Often Faulty," <i>Science</i> 278: 1041-1042, November 7, 1997.				
EL			Kaye, F.J. et al. "A single amino acid substitution results in a retinoblastoma protein defective in phosphorylation and oncoprotein binding," <i>Proc. Natl. Acad. Sci. USA</i> 87: 6922-6926, September 1990.				
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FA						

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
			YES NO
FB			

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

6u	FC	Lee, K-H. et al., "Increased Vaccine-Specific T Cell Frequency After Peptide-Based Vaccination Correlates with Increased Susceptibility to In Vitro Stimulation But Does Not Lead to Tumor Regression," <i>The Journal of Immunology</i> 163: 6292-6300, 1999.
6u	FD	Müller-Pillasch, F. et al., "Cloning of a gene highly overexpressed in cancer coding for a novel KH-domain containing protein," <i>Oncogene</i> 14: 2729-2733, 1997.
	FE	New England Biolabs website, Description on the pCyB Expression Vectors: http://circuit.neb.com/neb/faqs/impact2.html , (2001)
6u	FF	Nielsen, J. et al., "A Family of Insulin-Like Growth Factor II mRNA-Binding Proteins Represses Translation in Late Development," <i>Molecular and Cellular Biology</i> 19(2): 1262-1270, February 1999.
	FG	Radoja and Frey, "Cancer-induced Defective Cytotoxic T Lymphocyte Effector Function: Another Mechanism How Antigenic Tumors Escape Immune-mediated Killing," <i>Molecular Medicine</i> 6(6): 465-479, June 2000.
	FH	Rudinger, J., "Characteristics of the amino acids as components of a peptide hormone sequence," in <i>Peptide Hormones</i> , Parsons, J.A. (ed.), University Park Press, Baltimore MD, June 1976, pgs. 1-7
	FI	Sjölander, A. et al., "Kinetics, localization and cytokine profile of T cell responses to immune stimulating complexes (iscoms) containing human influenza virus envelope glycoproteins," <i>Vaccine</i> 15(9): 1030-1038, 1997.
	FJ	Skolnick and Fetrow, "From genes to protein structure and function: novel applications of computational approaches in the genomic era," <i>Trends in Biotechnology</i> 18: 34-39, January 2000.
6u	FK	Spitler, L.E., "Cancer Vaccines: The Interferon Analogy," <i>Cancer Biotherapy</i> 10(1): 1-3, 1995.

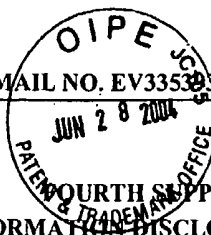
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	GA						

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					YES	NO
	GB					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

GM	GC	Stern, P.S., "Predicting antigenic sites on proteins," <i>Trends in Biotechnology</i> 9: 163-169, May 1991.
	GD	Timmerman and Levy, "Dendritic Cell Vaccines for Cancer Immunotherapy," <i>Annu. Rev. Med.</i> 50: 507-529, 1999.
	GE	Wong, C.P. et al., "TCR Vaccines Against T Cell Lymphoma: QS-21 and IL-12 Adjuvants Induce a Protective CD8 ⁺ T Cell Response," <i>The Journal of Immunology</i> 162: 2251-2258, 1999.
GM	GF	Zaks and Rosenberg, "Immunization with Peptide Epitope (p369-377) from HER-2/neu Leads to Peptide-specific Cytotoxic T Lymphocytes That Fail to Recognize HER-2/neu+ Tumors," <i>Cancer Research</i> 58: 4902-4908, November 1, 1998.
	GG	
	GH	
	GI	
	GJ	
	GK	
	GL	

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GM	AA	5,589,579	12/31/96	Torczynski et al.	536	23.1	
	AB						
	AC						
	AD						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
GM	AE	WO 99/54738	10/28/99	WIPO			
GM	AF	WO 00/61612	10/19/00	WIPO			
	AG						
	AH						
	AI						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
GM	AJ	Chen, Shen-Lin et al., "Isolation and characterization of a novel gene expressed in multiple cancers," <i>Oncogene</i> 12: 741-751, 1996.					
GM	AK	Güre, A.O. et al., "Human Lung Cancer Antigens Recognized by Autologous Antibodies: Definition of a Novel cDNA Derived from the Tumor Suppressor," <i>Cancer Research</i> 58: 1034-1041, March 1, 1998.					
	AL						
	AM						
	AN						
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